



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5421

SERIAL NUMBER 10727,216	FILING DATE 12/03/2003  RULE	CLASS 438	GROUP ART UNIT 2813	ATTORNEY DOCKET NO. 8054-27 (LW8079US/WS)
----------------------------	---------------------------------------	--------------	------------------------	--

## APPLICANTS

Yong-Kyu Jang, Suwon-si, KOREA, REPUBLIC OF;

Jae-Hyun Kim, Seoul, KOREA, REPUBLIC OF;

Sang-Woo Kim, Suwon-si, KOREA, REPUBLIC OF; Jae-Young Lee, Seoul, KOREA, REPUBLIC OF;

Sung-Eun Cha, Geje-si, KOREA, REPUBLIC OF;

Young-Nam Yun, Seoul, KOREA, REPUBLIC OF;

## \*\* CONTINUING DATA \*\*\*\*\*

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

REPUBLIC OF KOREA 2002-77346 12/06/2002

REPUBLIC OF KOREA 2003-1107 01/08/2003

REPUBLIC OF KOREA 2003-7539 02/06/2003

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 03/12/2004

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY KOREA, REPUBLIC OF	SHEETS DRAWING 20	TOTAL CLAIMS 66	INDEPENDENT CLAIMS 4
35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature	Initials		

## ADDRESS

22150

F. CHAU &amp; ASSOCIATES, LLC

130 WOODBURY ROAD

WOODBURY, NY

11797

## TITLE

Liquid crystal display device having a thin film transistor substrate with a multi-cell gap structure and method of manufacturing same

☐ All Fees☐ 1.16 Fees ( Filing )